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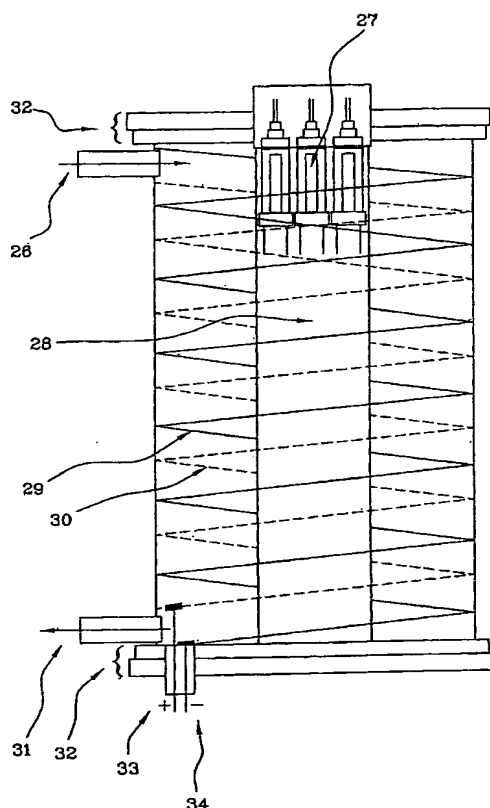
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(54) Title: INDUSTRIAL PROCESS FOR RECYCLING WASTE, ITS APPLICATIONS AND PRODUCTS OBTAINED



(57) Abstract: The present invention relates to an industrial process, a so-called oxido-destruction process, for conveniently recycling every type of waste of any origin. The materials obtained through said process have various and interesting possibilities of use in the industrial field. Said process is preferably carried out continuously, in a suitable mobile or stationary system, by subjecting said waste to an oxidative demolition-polymerization reaction, followed if necessary by a repolymerization reaction depending on the desired end product. In the first case, the result consists of fluid and solid, biologically stable sterile materials, whereas in the second case the result is a stable sterile expanded polymer having a polyurethane structure.



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